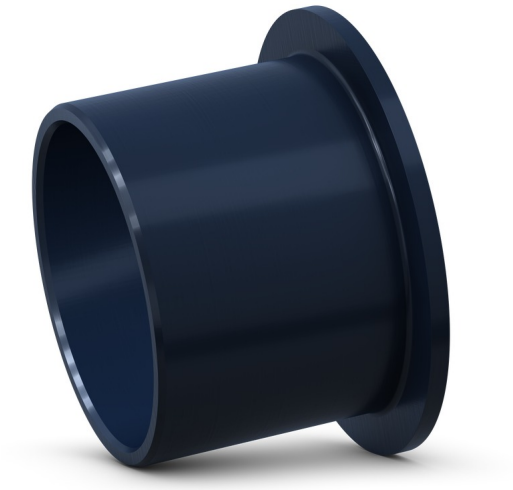

PPMF 202311.5PTFE polyamide flanged bushing

PTFE polyamide flanged bushing

SKF PTFE polyamide flanged bushings are suitable for oscillating, rotating and linear movements, and can accommodate radial loads as well as axial loads in one direction. They provide a cost-effective, self-lubricating solution, and are designed for dry sliding operations. Despite their thin-walled design, they are wear-resistant and can accommodate moderate loads. Their compact design provides good heat dissipation, therefore enabling relatively high sliding velocities.

- Maintenance-free operation
- Cost-effective
- Excellent corrosion resistance
- Electrically insulating

Overview

Dimensions

Bore diameter	20 mm
Outside diameter	23 mm
Width	11.5 mm
Flange diameter	30 mm
Flange thickness	1.5 mm

Properties

Design	Flanged
Material	PTFE polyamide
Relubrication feature	Without

Technical Specification

Material	PTFE polyamide
Operating temperature	min. -30 °C
Operating temperature	max. 110 °C



Dimensions

d	20 mm	Bore diameter
D	23 mm	Outside diameter
B	11.5 mm	Width
D_1	30 mm	Outside diameter flange
B_1	1.5 mm	Width flange

Recommended fits

Tolerance shaft	h9
Tolerance housing	H7

Calculation data

Specific dynamic load factor	K	40 N/mm^2
Specific static load factor	K_0	80 N/mm^2
Permissible sliding velocity	v	max. 1 m/s
Coefficient of friction	μ	min. 0.06
Coefficient of friction	μ	max. 0.15

Mass

Mass bushing	0.0024 kg

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